

FOX LIVE Valve MTB Factory Installation

1. Align the pin protruding from the back of the LIVE Valve MTB Rear Sensor with the hole in the frame at the Rear Sensor mounting location.
 - **For frames with a flush mounting hole:** Install the provided washer between the frame and the LIVE Valve MTB Rear Sensor. Then install the Rear Sensor so the washer seats in the counterbore of the sensor and the arrow on the sensor faces up.



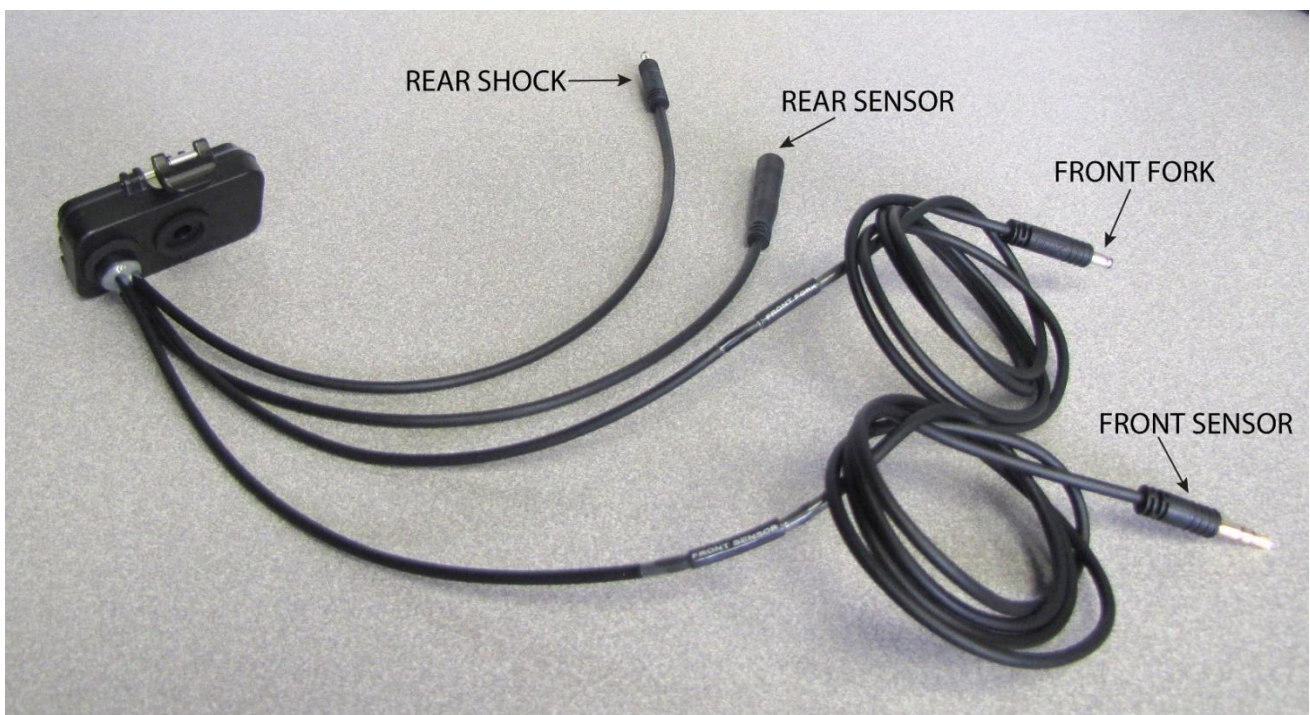
- **For frames with a raised riv-nut:** Install the LIVE Valve MTB Rear Sensor directly against the frame so the arrow on the sensor faces up. The washer should NOT be used on frames with a raised riv-nut.
2. Tighten the LIVE Valve MTB Rear Sensor mounting bolt clockwise to 10 in-lb (1.1 Nm) torque with a 3mm hex wrench.

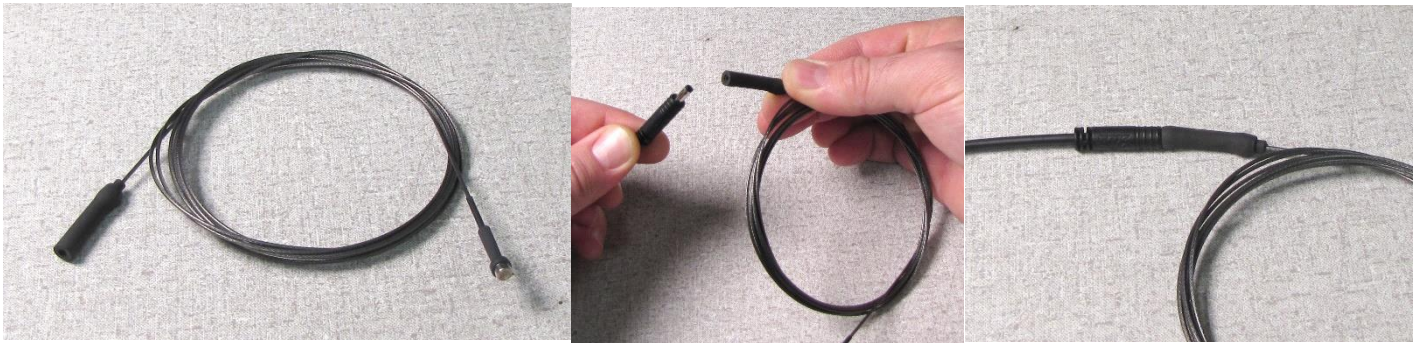


3. Check to verify that the rear disc brake does not contact the Rear Sensor or Rear Sensor Cable.

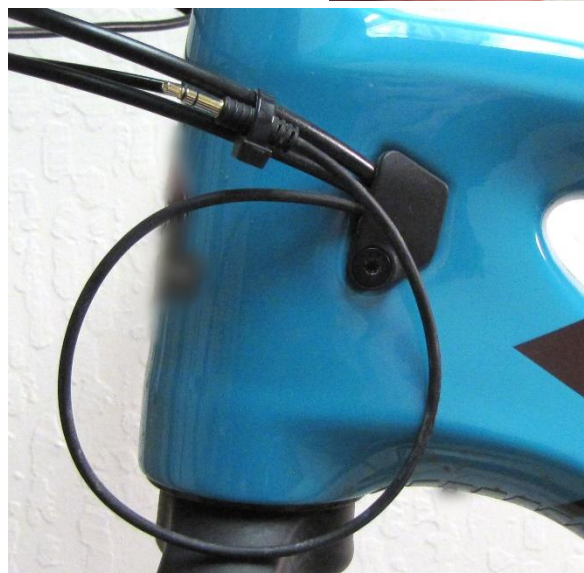
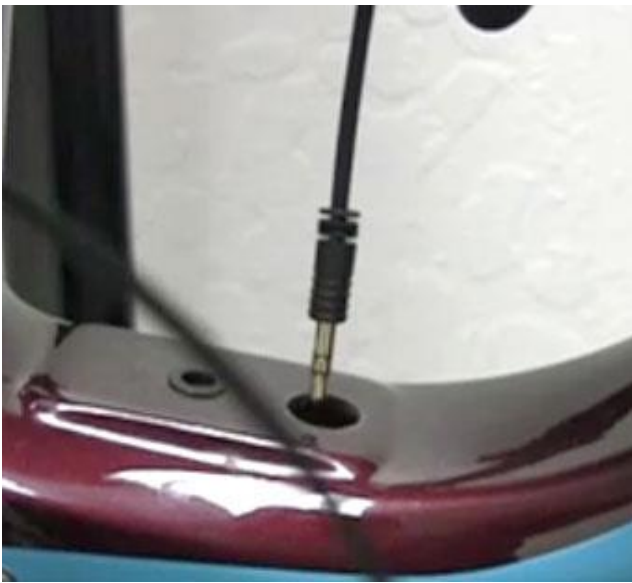


4. Identify the four cables exiting the LIVE Valve Controller. The cables that connect to the LIVE Valve MTB Front Fork and LIVE Valve MTB Front Sensor are marked for the component with which they will be attached. The cable that connects to the LIVE Valve MTB Rear Shock is not marked and has a male DC style connector. The cable that connects to the LIVE Valve MTB Rear Sensor is not marked and has a female audio jack style connector. Proper LIVE Valve cable handling is important as improperly handled cables can be damaged. **DO NOT** use pliers to grab or pull cables or connectors. FOX recommends using a tool such the Park Tool IR-1.2 Internal Cable Routing Kit or a standard derailleur cable modified with a rubber cable boot to hold the LIVE Valve Connector.





5. Insert the LIVE Valve Front Sensor Cable from the Controller into the large hole in the frame at the Controller mounting location. Route the LIVE Valve Front Sensor Cable internally through the frame to the Front Sensor Cable exit port on the **non-drive side of the headtube** via the frame manufacturer's recommended routing. Route the Front Sensor Cable through any custom cable guides or hardware provided at the Front Sensor Cable exit port per the frame manufacturer's instructions. Pull enough Front Sensor Cable out of the frame to allow for proper steering clearance after fork installation. Loosely attach the LIVE Valve Front Sensor Connector to existing brake, derailleur, or seatpost cable housing near the LIVE Valve Front Sensor Cable exit port to protect it during shipping.



6. Insert the LIVE Valve Front Fork Cable from the Controller into the large hole in the frame at the Controller mounting location. Route the LIVE Valve Front Fork Cable internally through the frame to the Front Fork Cable exit port on the **drive side of the headtube** via the frame manufacturer's recommended routing. Route the Front Fork Cable through any custom cable guides or hardware provided at the Front Fork Cable exit port per the frame manufacturer's instructions. Pull enough Front Fork Cable out of the frame to allow for proper steering clearance after fork installation. Loosely attach the LIVE Valve Front Fork Connector to existing brake, derailleur, or seatpost cable housing near the LIVE Valve Front Fork Cable exit port to protect it during shipping.



7. Insert the LIVE Valve Rear Shock Cable from the Controller into the large hole in the frame at the Controller mounting location. Route the LIVE Valve Rear Shock Cable internally through the frame to the Rear Shock Cable exit port via the frame manufacturer's recommended routing. Route the Rear Shock Cable through any custom cable guides or hardware provided at the Rear Shock Cable exit port per the frame manufacturer's instructions. Pull enough Rear Shock Cable out of the frame to reach the rear shock cable port in the end of the shock reservoir.



8. Route the LIVE Valve Rear Shock Cable to the rear shock as close to the frame as possible and through any shock mounting tabs that leave enough clearance for shock rotation without contacting the cable.



- **For frames with Rear Shock Cable routing approaching the rear shock from the reservoir end:** Install the provided LIVE Valve MTB Cable to Reservoir Clip so the Rear Shock Cable goes through the clip once then connects to the Rear Shock Cable port in the LIVE Valve Rear Shock reservoir end. Install the clip onto the smaller diameter reservoir with the black end cap (not the reservoir with the LIVE connector and compression adjuster).



- **For frames with the Rear Shock Cable routing approaching the rear shock from the body end:** Install the provided LIVE Valve MTB Cable to Reservoir Clip so the Rear Shock Cable goes through the clip once, turns 180 degrees, then goes through the clip again, creating a strain-relief loop of cable. Connect the Rear Shock



Cable to the Rear Shock Cable port in the LIVE Valve Rear Shock reservoir end.

9. Route the cable from the LIVE Valve Rear Sensor internally through the frame to the large hole in the frame at the controller mounting location via the frame manufacturer's recommended routing. Route the cable from the LIVE Valve MTB Rear Sensor through any custom cable guides or hardware provided at the LIVE Valve MTB Rear Sensor Cable entry port per the frame manufacturer's instructions.



10. Connect the cable from the LIVE Valve Rear Sensor to the LIVE Valve Rear Sensor Cable from the Controller. This connector has a noticeable "click" when mated properly. Push the cable connection and any excess cable into the frame.



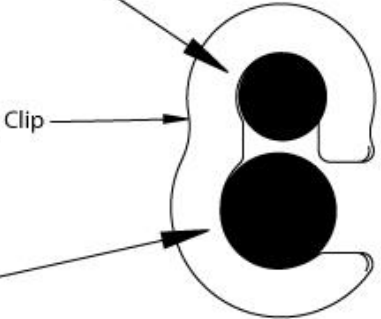
11. As different frames will have different Rear Sensor Cable routing, attach the Rear Sensor Cable to existing brake housing using the provided LIVE Valve MTB Cable to Brake Housing Clips. Install the LIVE Valve cable into the clip first, then install the clip with LIVE Valve cable onto the Brake Housing.



LIVE Valve Cable
(Install First)

LIVE Valve MTB Cable to Brake Housing Clip
(PN: 218-01-016)

Brake Housing
(Install Second)



12. Route the cable from the Rear Sensor to the LIVE Valve MTB Controller via the frame manufacturers preferred routing.

- **For frames with internal LIVE Valve Rear Sensor cable routing:** Route the Rear Sensor cable internally through the frame following the frame manufacturer's preferred routing toward the LIVE Valve MTB Controller. Connect the cable coming from the Rear Sensor to the Rear Sensor Cable coming from the Live Valve MTB Controller.
- **For frames without internal LIVE Valve Rear Sensor cable routing:** Route the Rear Sensor cable so it follows the rear brake housing. Connect the cable coming from the Rear Sensor to the Rear Sensor Cable coming from the Live Valve MTB Controller. Clip the LIVE Valve Rear Sensor cable to the brake housing approximately every 80-100mm (3-4 inches) using the provided LIVE Valve MTB Cable to Brake Housing Clip. Install the LIVE Valve cable into the clip first, then install the clip with LIVE Valve cable onto the Brake Housing.





13. Position the LIVE Valve Controller so the controller fixing bolt aligns with the threaded hole in the frame. Insert the controller fixing bolt and tighten clockwise to 10 in-lb (1.1 Nm) torque with a 4mm hex wrench.



14. Install the LIVE Valve MTB Controller Cover by orienting it so the tabs of the cover interface with the notches in the controller. Attach the two buckles into the grooves of the cover then click them closed.



15. The LIVE Valve Battery Box should remain unopened and should be included in the bike box. The LIVE Valve Battery Box contains the LIVE Valve Battery and all printed documentation for the LIVE Valve system.

